

CONFIDENTIAL

(Revised 10-5-56 JCW)

M-60 INFLATION KITPARTS LIST

Quantity Per Kit	Description	Part No.
1 ✓	Header "A" equipped to manifold 12 hydrogen-helium cylinders	235106
014 (3000) 1111	Header "B" equipped to manifold 12 hydrogen-helium cylinders	235110
324506100672649	18-inch Pigtails - fully annealed with handles	235112
24 ✓	30-inch Pigtails - fully annealed with handles	235112
766 ✓	48-inch Connecting Pigtails - fully annealed	235100
1	M-1393 High Press Valve 1 ✓	15853
1	M-1395 High Press Valve 11	15853
1 ✓	Adapter M-1393	235128
1 ✓	Adapter M-1395	235127
161 ✓	Ground Cloth #10 O.D. Cotton Duck 50 feet long 6 ft. 8 in. wide (w mule p)	
1 /	Tie Down Yoke ✓	A11971
1	Cat. #W74 AMPCO 15-inch Adjustable Wrench	-
1	Cat. #W73 AMPCO 12-inch Adjustable Wrench	-
1 ✓	Cat. #WP 65T Spanner Adjustable 2 in. X 4-3/4 in. Capacity (AMPCO Metal)	-
2	1/2 inch Forged Steel Pipe Unions Catiwissa 1000-3000 psi -	
9	1 inch #720 4APV Acetate Fibre Tape	
2	3000 psi Pressure Gauge Face Diameter 2-1/2 inches 1/4 inch Male Connection Standard Pipe Thread	-

25X1

CONFIDENTIAL

M-60 INFLATION KIT PARTS LIST (Continued)

-2-

Quantity Per Kit	Description	Part No.
✓ 1 2	1509-8 50 ft. Lengths 1/2 inch I.D. Hydraulic Control Hose. Minimum 3500 psi Equipped With #4722 8-8 $\frac{1}{2}$ Male Pipe Thread Fittings on Each End to Permit Coupling	-
✓ 1	1509-8 Lengths - Same As Above	-
✓ 6	1 inch Glass Fibre Tape #890 - 3M	-
✓ 2 rolls	Roll (250 Yd/Roll) 1000# Test Nylon	-
✓ 1	Tube Permatex #2 Non-Hardening Type	-
✓ 1	High Speed Diffuser	33039C
1	3/4 inch Nipple 4 inches long NPT	-

Supplement

100	Helium-Hydrogen Manifold Rubber Hose Pigtail (To Be Used Instead Of 235112)	235117
100	Helium-Hydrogen Cylinder Coupling Assembly (To Permit Use Of New Cylinders Which Are Equipped With An Internal Thread Connection)	235211

2 drop rope

CONFIDENTIAL

CONFIDENTIAL

10-5-56

M-60 INFLATION KIT

INSPECTION AND TESTING

I. INSPECTION:

All parts shall be subjected to an inspection which will maintain the desired standards of production. All items shall be inspected visually for corrosion, cracks, or other flaws which might lead to failure under conditions of use. Any part found unsatisfactory when inspected shall be rejected.

II. TESTING:

The entire manifold assembly shall be laid out and assembled to duplicate the conditions encountered in use and a minimum of three cylinders of high pressure helium connected.

With all outlets on the manifold and the high pressure hose shut off, the helium bottles shall be opened and the pressure allowed to build up to at least 2,200 psi. The complete assembly will remain under this pressure for 10 hours approximately. Any minor seepage is acceptable if not in excess. No audible hissing caused by a major leak shall be present. The helium must then be discharged through the diffuser as rapidly as possible. A maximum discharge time of three minutes for three cylinders is allowed. The cylinders may be considered discharged when the gauge pressure drops to 100 psi. The entire length of hose shall be checked for blisters, and, if any are found, the hose shall be rejected.

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REVISIONS

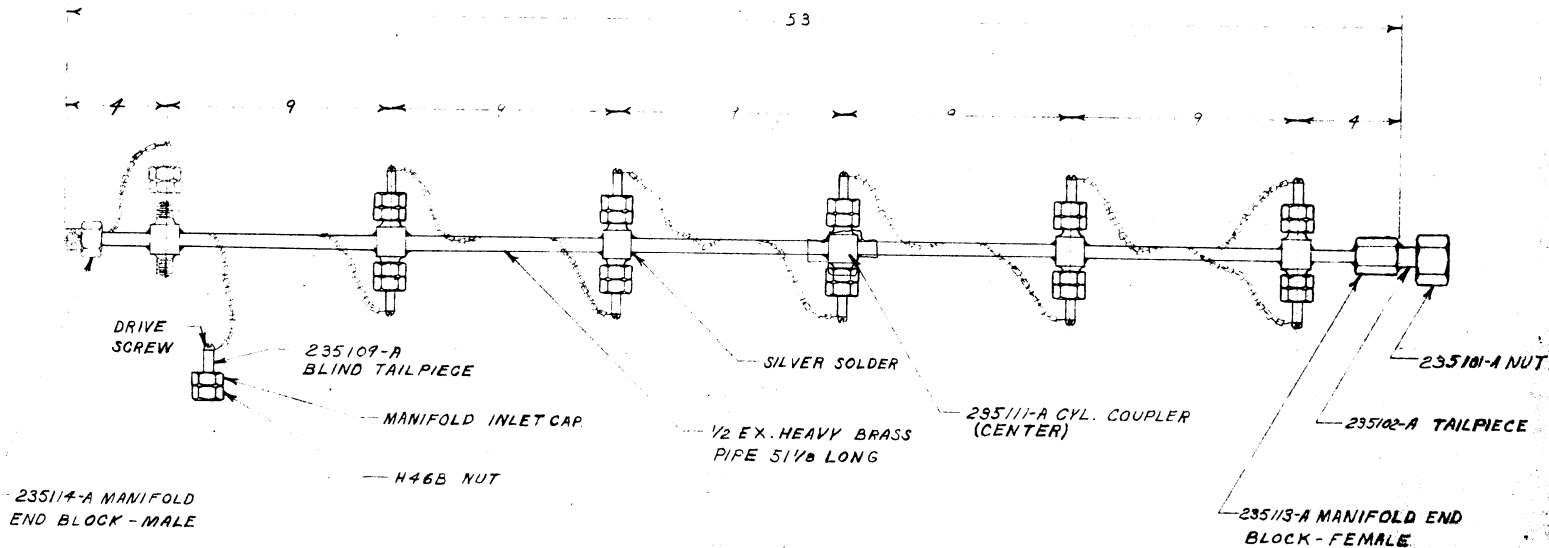
SYM	ZONE	ECO NO	DESCRIPTION	DATE	APPROV
		E-110	NEW RELEASE		K. Long

NOTE:

DO NOT ATTEMPT TO USE
THIS MANIFOLD WITH OXYGEN

235110
SHEET 1 OF 1

53



OCT 4 1956

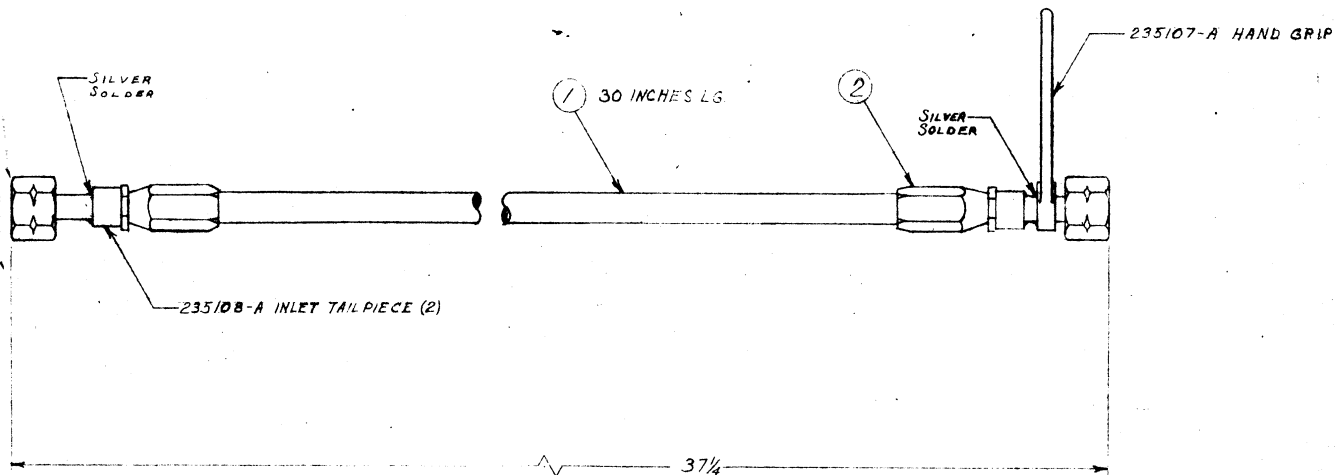
ADDITIVE FINISH	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES FRACTIONS DECIMALS ANGLES RADII	DR <i>RLM</i> ENGR <i>K. Long</i> CHK <i>VCW</i> APP'D <i>K. Long</i> ORIGINAL DATE OF DRAWING <i>8/18/56</i> APPLICABLE SPECIFICATIONS:	NAME <i>HELIUM / HYDROGEN MANIFOLD CYL. COUPLER SUB ASS'Y</i>	DWG. NO. 235110 SHEET 1 OF 1
	MATERIAL	HEAT TREATMENT	SCALE <i>1" = 4"</i> UNIT WT <i>~</i>	

REVISIONS

SYM	ZONE	ECO NO	DESCRIPTION	DATE	APPROVAL
		6-96	NEW RELEASE		K. Long

235117

SHEET 1 OF 1



OCT 4 1956

2	2	MALE FITTINGS	4731-4 1/2 INCH 27 AERONAUTICAL
1	1	DOUBLE WIRE BRAID HOSE	1/4 I.D. 1500-1 1/2 INCH 27 AERONAUTICAL
ITEM QUAN.	PART NO.		DESCRIPTION

BILL OF MATERIAL

ADDITIVE FINISH	UNLESS OTHERWISE SPECIFIED:	DR <i>RLM</i>	ENG <i>W. H. H. H.</i>	NAME
	DIMENSIONS ARE IN INCHES TOLERANCES FRACTIONS DECIMALS ANGLES RADI	CHK <i>SCW</i>	DATE <i>8/20/56</i>	
MATERIAL	HEAT TREATMENT	APPLICABLE SPECIFICATIONS:		

HELIUM / HYDROGEN
MANIFOLD-RUBBER
HOSE PIGTAIL

SCALE 1/2" = 1" UNIT WT

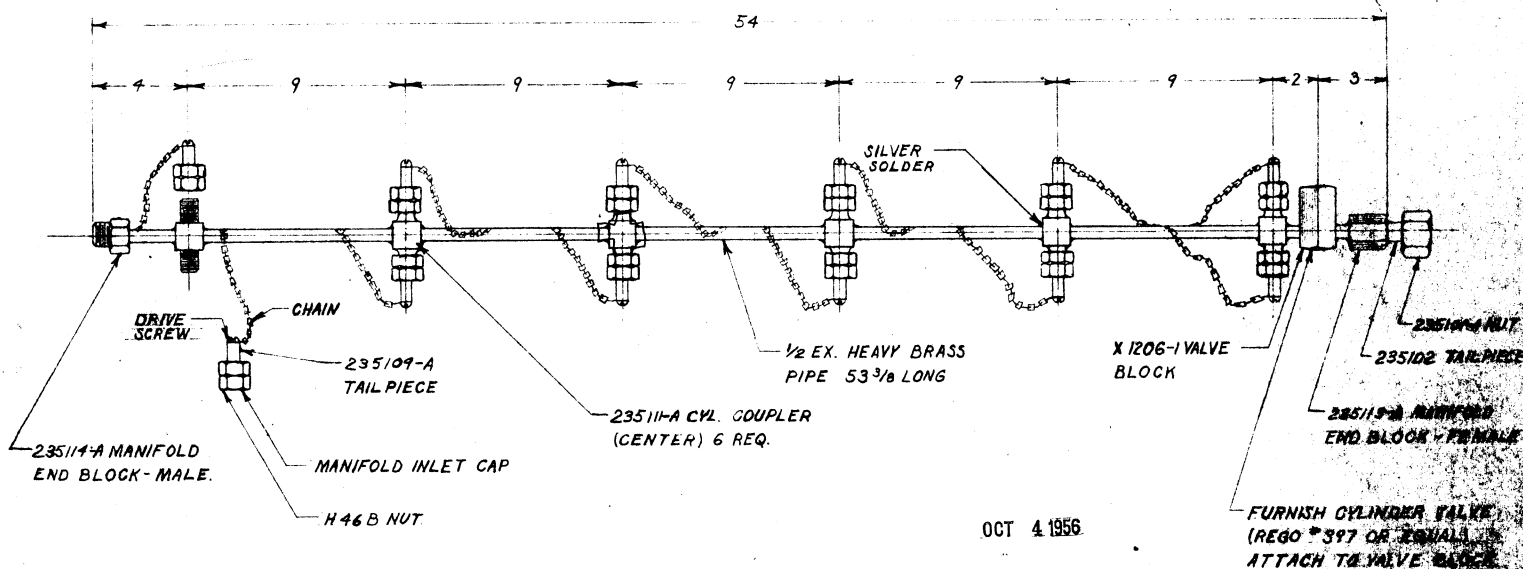
SIZE **B**
235117
SHEET 1 OF 1

REVISIONS

SYM	ZONE	ECO NO	DESCRIPTION	DATE	APPROV
		6-106	NEW RELEASE	9/18/52	R. L. M.

NOTE:

DO NOT ATTEMPT TO USE
THIS MANIFOLD WITH OXYGEN

235106
SHEET 1 OF 1

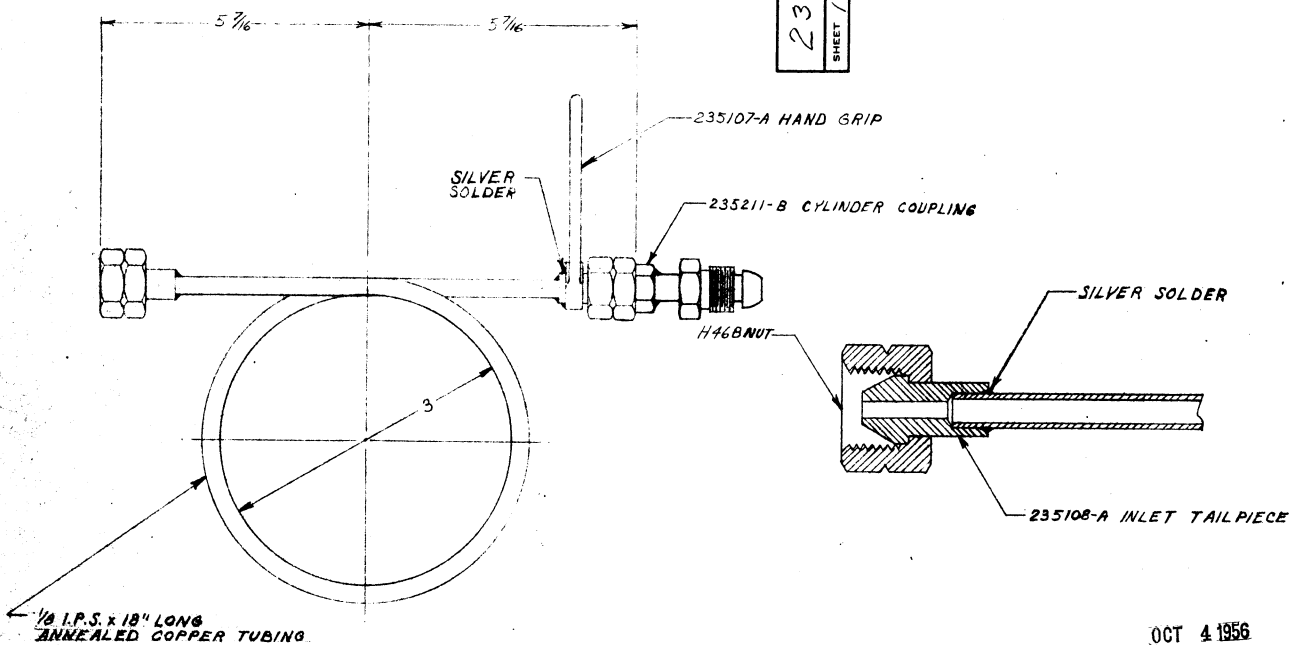
ADDITIVE FINISH	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES FRACTIONS DECIMALS ANGLES RADI	DR R.L.M. <i>[Signature]</i>	NAME
		CHK <i>[Signature]</i> APP <i>[Signature]</i>	HELIUM/HYDROGEN MANIFOLD VALVE CYL. COUPLER SUB ASS'Y
MATERIAL	HEAT TREATMENT	ORIGINAL DATE 8/18/56	SCALE 1" = 4" UNIT WT
		APPLICABLE SPECIFICATIONS	
		SHEET 1 OF 1 SIZE B 235106	

NOTE:

DO NOT ATTEMPT TO USE
THIS MANIFOLD WITH OXYGEN

REVISIONS

SYM	ZONE	ECO NO	DESCRIPTION	DATE	APPROVAL
		6-112	NEW RELEASE	8/8/56	K Lang

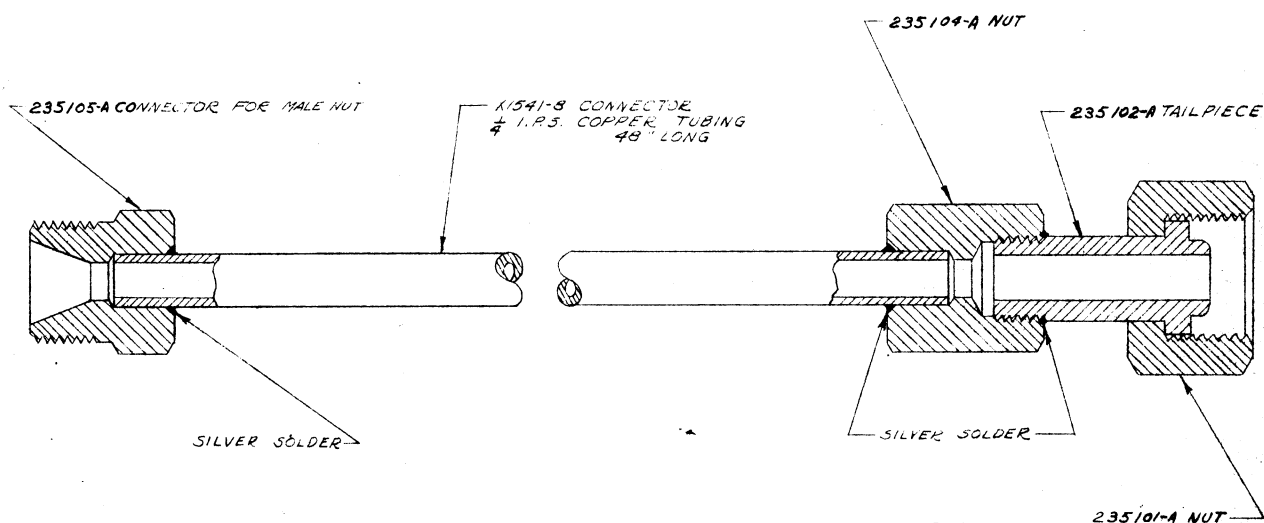


OCT 4 1956

ADDITIVE FINISH	UNLESS OTHERWISE SPECIFIED:	DR. <i>RLM</i> <i>WLF</i> CHK. <i>WLF</i> ORIGINAL DATE OF DRAWING <i>8/18/56</i> APPLICABLE SPECIFICATIONS:	NAME HELIUM / HYDROGEN MANIFOLD PIGTAIL SUB ASS'Y	DWG NO 235112
	DIMENSIONS ARE IN INCHES TOLERANCES FRACTIONS DECIMALS ANGLES RADI $\pm .010$ $\pm .005$ $\pm 1^\circ$			
MATERIAL	HEAT TREATMENT	SCALE $1/2" = 1"$	UNIT WT	SHEET <i>1</i> OF <i>1</i>

REVISIONS

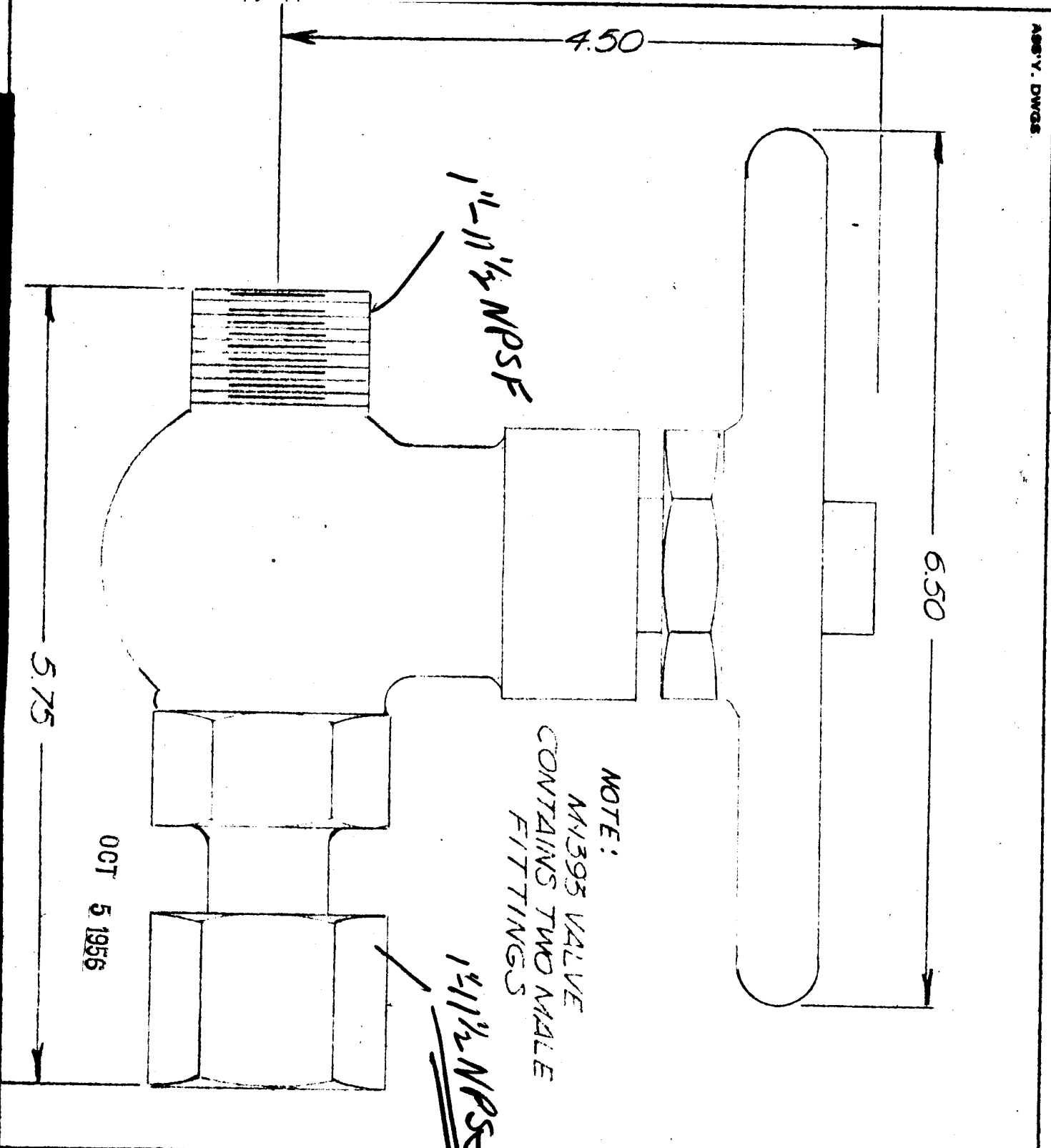
SYM	ZONE	ECO NO	DESCRIPTION	DATE	APPROVAL
		6-100	New Release	10 AUG 56	K Long

235100
SHEET 1 OF 1

OCT 4 1956

ADDITIVE FINISH	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES RADII	DR DONAGHUE	ENGR M. J. J.	NAME HELIUM/HYDROGEN MANIFOLD CONNECTOR	[REDACTED]
		CHK JCN	APP M. J. J.		
MATERIAL	HEAT TREATMENT	ORIGINAL DATE OF DRAWING 13 AUG 56		DWG NO 235100	SHEET 1 OF 1
		APPLICABLE SPECIFICATIONS:			
		SCALE FULL		UNIT WT	

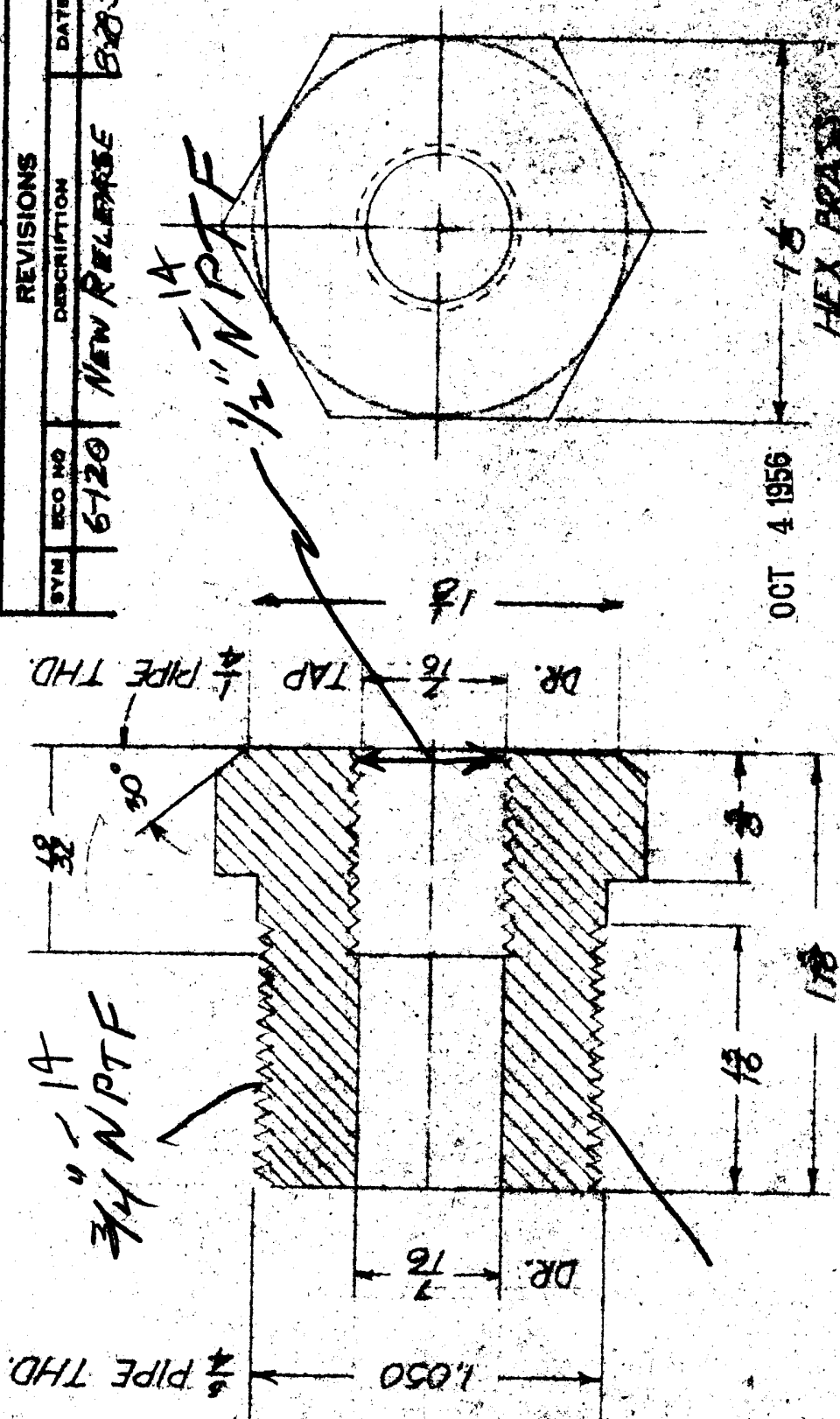
ASS'Y. DWGS



REVISIONS

DATE		OCT 5 1956	
DR.	JCW	APP.	
CHK.		APP.	
NAME		HIGH PRESSURE VALVE	
A15853.A			

REVISIONS				
SYM	ECO NO	DESCRIPTION	DATE	APPROVAL
	6-120	NEW RELEASE	8-29-58	K. L. J.



HEXAGON

OCT 4 1956

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HELIUM / HYDROGEN
MANIFOLD ADAPTER
VALVE M-1393

SCALE DOUBLE

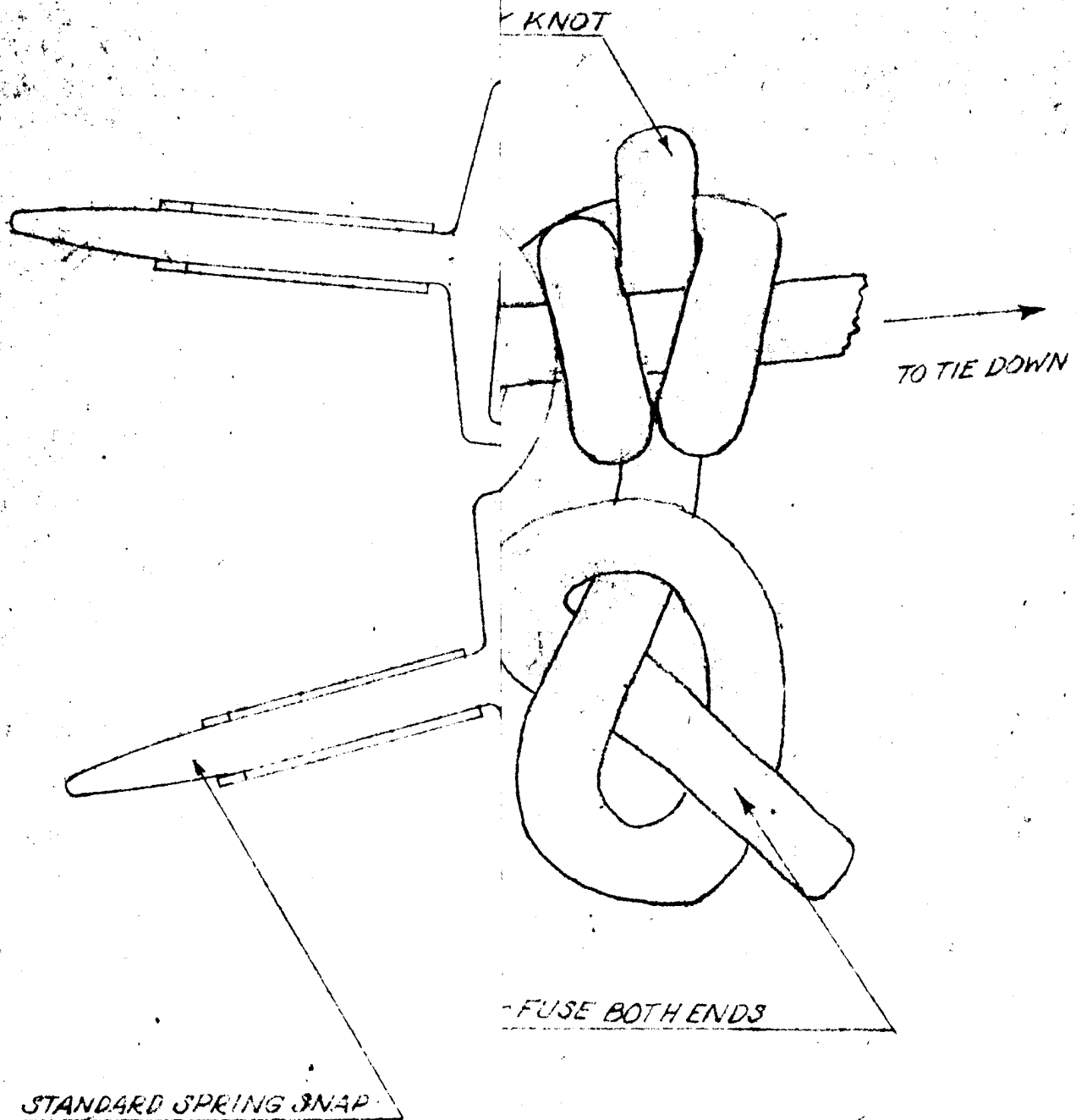
2010

UNIT 2

42

VI-ONE 6608

Chickadee



OCT 4 1956

A-11971-B

MK 60 INFLATION KIT
PARTS LIST

<u>QUAN. PER KIT</u>	<u>DESCRIPTION</u>
1	Header "A" 9/1395 H.P. Valve - Equipped to Manifold 12 Hydrogen-Helium Cylinders.
4	Header "B" Equipped to Manifold 12 Hydrogen-Helium Cylinders.
100	M-236 18" Pigtails - Fully annealed - With handles
24	M-73 30" Pigtails - Fully annealed - With handles
6	M-236 48" Connecting Pigtails - Fully annealed
1	M-1393 H.P. Valve
1	1 x 1/2 Reducer Brass
1	3/4 x 1/2 Bushing Brass
1	Ground Cloth #10 O.D. Cotton - Duck, 50' long 6'8" wide
1	A-11971 B Tie down - Yokes
1	Cat. #W 74 AMPCO 15" Adjustable wrench
1	Cat. #W 73 AMPCO 12" Adjustable
1	Cat. #WP 65T Spanner Adjustable 2" x 4 3/4" Capacity (AMPCO Metal)
2	1/2" Forged Steel pipe unions Catiwissa 1000-3000 PSI
9	1" #720 4 APV Acetate fibre tape
2	3000 PSI Pressure Gauge - Face diameter 2 1/2" 1/4" Male connection std. pipe thread
1	1509-8 50' lengths 1/2" i.d. Hydraulic control hose Min. 3500 PSI Equipped with #4722 - 8-8 1/2" Male Pipe thread fittings on each end to permit coupling
2	1509-8 25 ft. lengths - Same as above.
6	1" Glass fibre tape #890 - 3M
2 Rolls	Roll (250 Yd/Roll) 1000# Test Nylon
1	Tube Permatex #2 - Non-hardening type
1	High speed diffuser
20'	5000# Test Nylon
1	3/4" Nipple 4" Long NPT

MK 60 INFLATION KIT
INSPECTION & TESTING

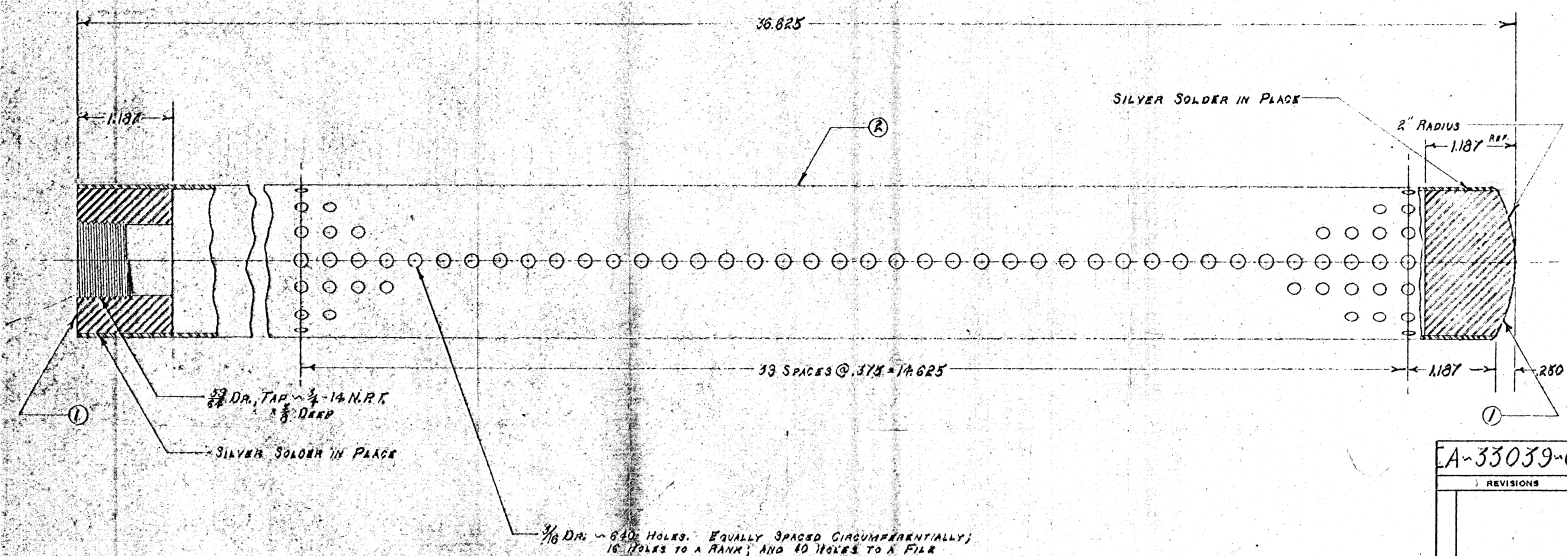
I. INSPECTION:

All parts shall be subjected to an inspection which will maintain the desired standards of production. All items shall be inspected visually for corrosion, cracks, or other flaws which might lead to failure under conditions of use. Any part found unsatisfactory when inspected shall be rejected.

II. TESTING:

The entire manifold assembly shall be laid out and assembled to duplicate the conditions encountered in use and a minimum of three cylinders of high pressure helium connected.

With all outlets on the manifold and the high pressure hose shut off, the helium bottles shall be opened and the pressure allowed to build up to at least 2,200 psi. The complete assembly will remain under this pressure for 10 hours approximately. Any minor seepage is acceptable if not in excess. No audible hissing caused by a major leak shall be present. The helium must then be discharged through the diffuser as rapidly as possible. A maximum discharge time of three minutes for three cylinders is allowed. The cylinders may be considered discharged when the gauge pressure drops to 100 psi. The entire length of hose shall be checked for blisters, and, if any are found, the hose shall be rejected.



- ① 304 STN. STA. STOCK ~ 1.300 O.D. x 1.187
- ② 304 STN. STA. TUBING ~ 2" O.D. x .047 WALL THICKNESS x 36 5/8" LENGTH

LA-33039-C

REVISIONS

NO.	DATE	BY	APP.	REVISION
1	8-23-55			

MAT'L. SPEC. NOTED

DR. EX APP.

CH. APP.

DATE 8-23-55 SCALE FULL

NAME DIFFUSER

LA-33039-C

OCT 4 1955

REVISIONS

SYM	ZONE	ECO NO	DESCRIPTION	DATE	APPROVAL
		6-224	NEW RELEASE	10/2/56	KMR

OCT 4 1956

3	1	235210	HELIUM/HYDROGEN VALVE OUTLET
2	1	235209	HELIUM/HYDROGEN HEX NUT
1	1	235208	HELIUM/HYDROGEN NIPPLE
ITEM QUAN.		PART NO.	DESCRIPTION

BILL OF MATERIAL

NAME
 DR R.L.M. *R.L.M.*
 CHK *V.W.* *R.M.*
 ORIGINAL DATE 10/2/56
 OF DRAWING
 APPLICABLE SPECIFICATIONS:

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES
 FRACTIONS DECIMALS ANGLES RADII

ADDITIVE FINISH

MATERIAL

HEAT TREATMENT

HELIUM / HYDROGEN
 CYLINDER COUPLING ASSY

DWG
SIZE

B

DWG NO

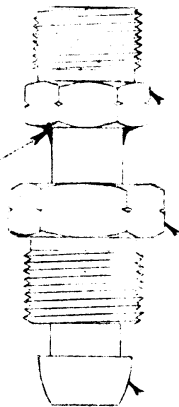
235211

SHEET

1 OF 1

SCALE FULL UNIT WT

SILVER SOLDER



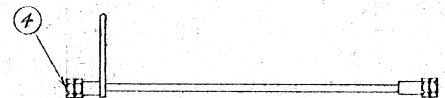
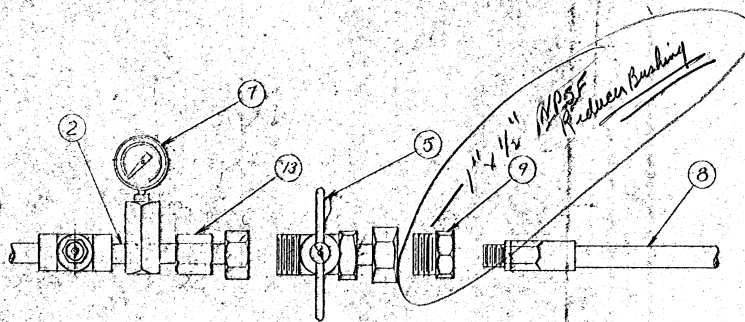
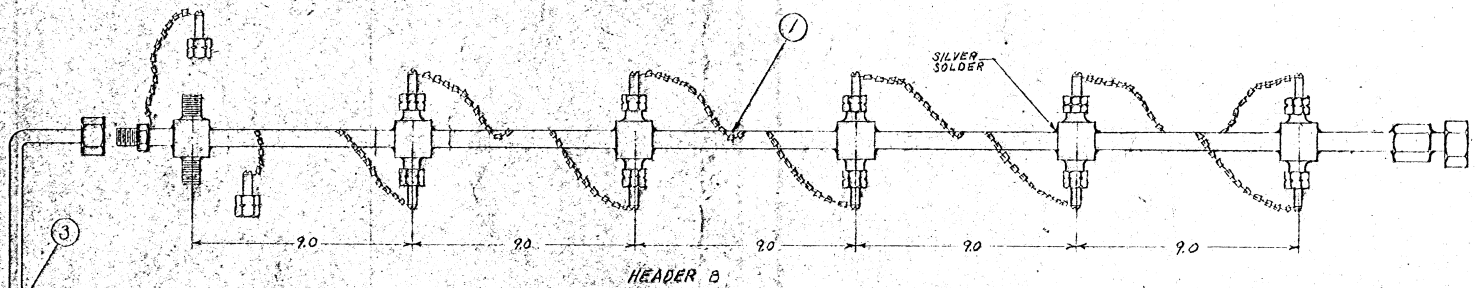
1

2

3

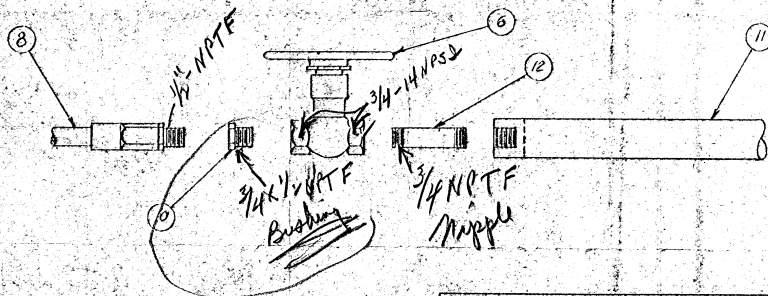
NOTE:
HEADER A IS THE SAME AS HEADER B EXCEPT
THAT ITEMS 1206-1 VALVE BLOCK/VALVE OF
DWG. 235103 ARE OMITTED

REVISIONS				
SYM	ZONE	ECO NO	DESCRIPTION	DATE APPROVAL
		6-121	NEW RELEASE	8/23/82 K.12



235129
SHEET 1 OF 1

OCT 4 1956



ITEM	QUAN	PART NO.	DESCRIPTION
13	1	235113-A	HELIUM/HYDROGEN MINIFIED END BLOCK
12	1		3/4" NIPPLE 4" LONG
11	1	A-11954-C	HIGH SPEED DIFFUSER
10	1	235123-A	ADAPTER M-1303 (BRASS)
9	1	235127-A	ADAPTER M-1305 (BRASS)
8	1	A-1585-C	100' I.D. HYDRAULIC CONTROL VALVE
7	1	A-15852-A	2 1/2" 3000 P.S.I. GAUGE
6	1	A-15853-A	HIGH PRESSURE VALVE M-1373
5	1	A-15853-A	HIGH PRESSURE VALVE M-1375
4	124	235112-B	100-18" 24-30" 1/4" COPPER TUBE
3	6	235100-B	M 236 1/4" SPS COPPER TUBE 1/4" LG
2	1	235106-B	M 234 3/4" COPPER 34" LONG
1	1	235110-B	M 234 1/4" COPPER 33" LONG

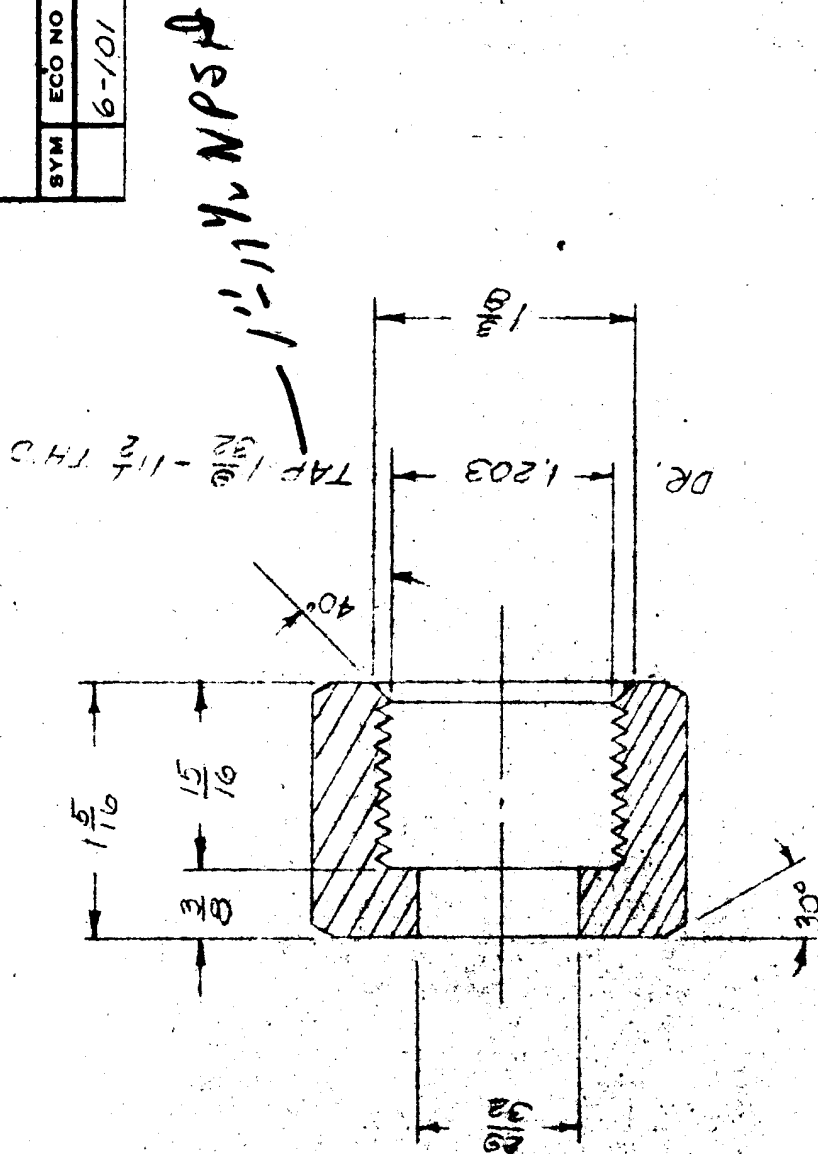
BILL OF MATERIAL

ADDITIVE FINISH	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES RADI	DR PLM CHK WDW ORIGINAL DATE OF DRAWING 8/2/56 APPLICABLE SPECIFICATIONS
MATERIAL	HEAT TREATMENT	

M 60 INFLATION
KIT ASSEMBLY

DWG NO 235129	SHEET 1 OF 1
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235101		SHEET 1 OF 1	
REVISIONS			
SYM	ECO NO	DESCRIPTION	DATE
	6-101	New Release	18 AUG 58
			W. J. J.



OCT 4 1956

NAME HELIUM HYDROGEN MANIFOLD CONNec- TION NUT		DWG SIZE A		235101	
SCALE FULL		UNIT WT			
DR DONAGUE		CHECKED JCW		ORIGINAL DATE 18 AUG 58	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		TOLERANCES FRACTIONS DECIMALS ANGLES RADI		APPLICABLE SPECIFICATIONS:	
ADDITIONAL FINISH		HEAT TREATMENT		MATERIAL	
				1 3/4 HEX. BEAS ROD	

235102		SHEET 1 OF 1	
REVISIONS			
SYM	ECO NO	DESCRIPTION	DATE APPROVAL
	6-102	New Release	24 Aug 56 K. Long

ADDITIVE FINISH MATERIAL 1 3/16 DIA. BRASS ROD	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES FRACTIONS DECIMALS ANGLES RADI HEAT TREATMENT	NAME HELIUM/HYDROGEN MANIFOLD INLET TAIL PIECE SCALE FULL UNIT WT 235102
DR DONAG HUEBNER CHKD JCW APP'D K. Long ORIGINAL DATE OF DRAWING 19 AUG 56 APPLICABLE SPECIFICATIONS:		

OCT 4 1956		OCT 4 1956	
235103		SHEET 1 OF 1	
REVISIONS			
SYM	ECO NO	DESCRIPTION	DATE APPROVAL
	5-103	New Release	235103 K. Lang

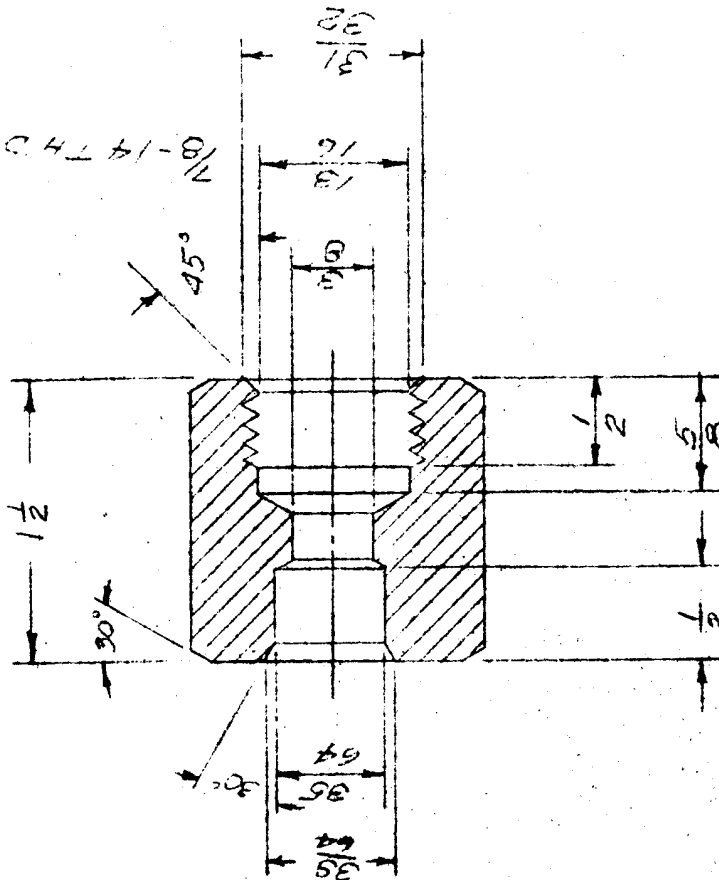
ADDITIVE FINISH	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES FRACTIONS DECIMALS ANGLES RADI	HEAT TREATMENT	MATERIAL 1/2 DIA BRASS ROD
DR <i>Don H. H. H.</i> CHKD <i>JPW</i> ENGR <i>Don H. H. H.</i> APPD <i>K. Lang</i> ORIGINAL DATE 18 OCT 56 OF DRAWING		NAME HELIUM HYDROGEN MAN FOLD BLIND TAIL PIECE	
APPLICABLE SPECIFICATIONS:		SCALE <i>FULL</i>	DWG SIZE A
UNIT WT		SHEET 1 OF 1	

235104

SHEET 1 OF 1

REVISIONS

SYM	ECO NO	DESCRIPTION	DATE	APPROVAL
	6-104	New Release	18 AUG 56	K. Long



OCT 4 1956

NAME

HELIUM / HYDROGEN
MANIFOLD CONNECT-
OR NUTDR DONAHUE
CHKD VCU

APPROV K. Long

ORIGINAL DATE
OF DRAWING 18 AUG 56

APPLICABLE SPECIFICATIONS:

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

TOLERANCES

FRACTIONS DECIMALS ANGLES RADI

HEAT TREATMENT

ADDITIVE FINISH

MATERIAL

1/2 Hex Brass Rod

DWG
SIZE

A

SCALE

FULL

UNIT WT

235104

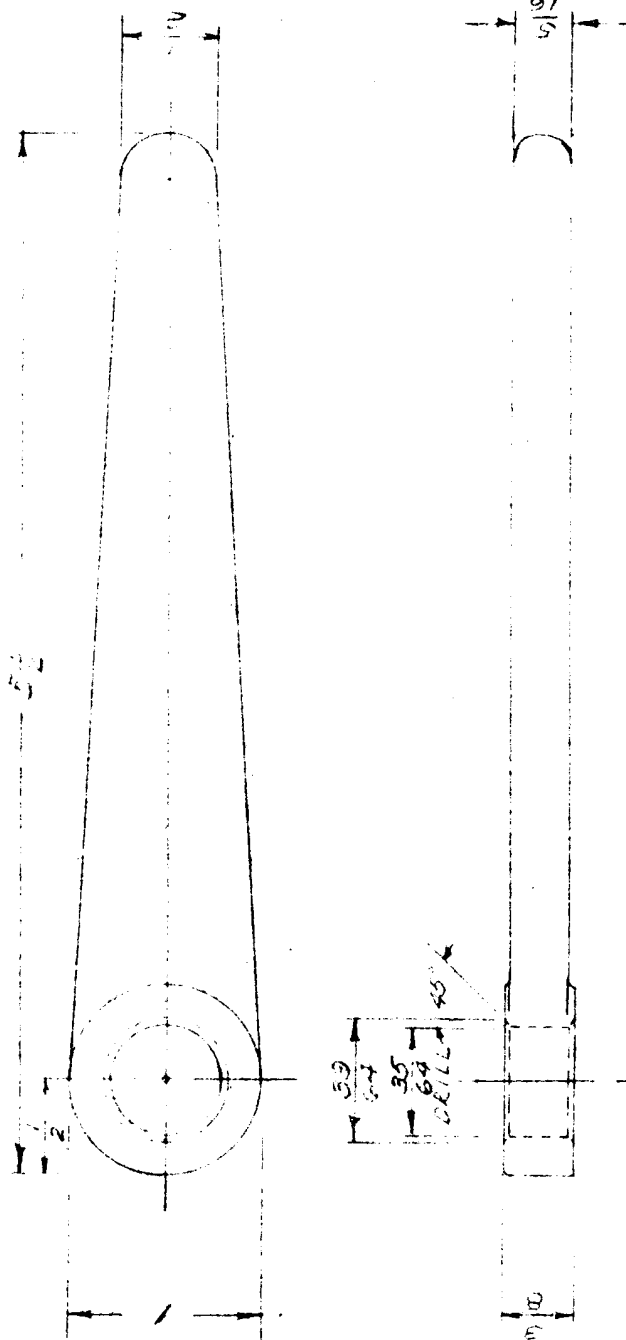
SHEET 1 OF 1

235107

SHEET 1 OF 1

REVISIONS

SYM	ECO NO	DESCRIPTION	DATE	APPROVAL
	6-107	New Release	19 Aug 56	K. Tang



OCT 4 1956

SMITH WELDING EQUIPMENT MFG. CO., MINN. HAND GRIP LITG. 4. MODIFY AS SHOWN.

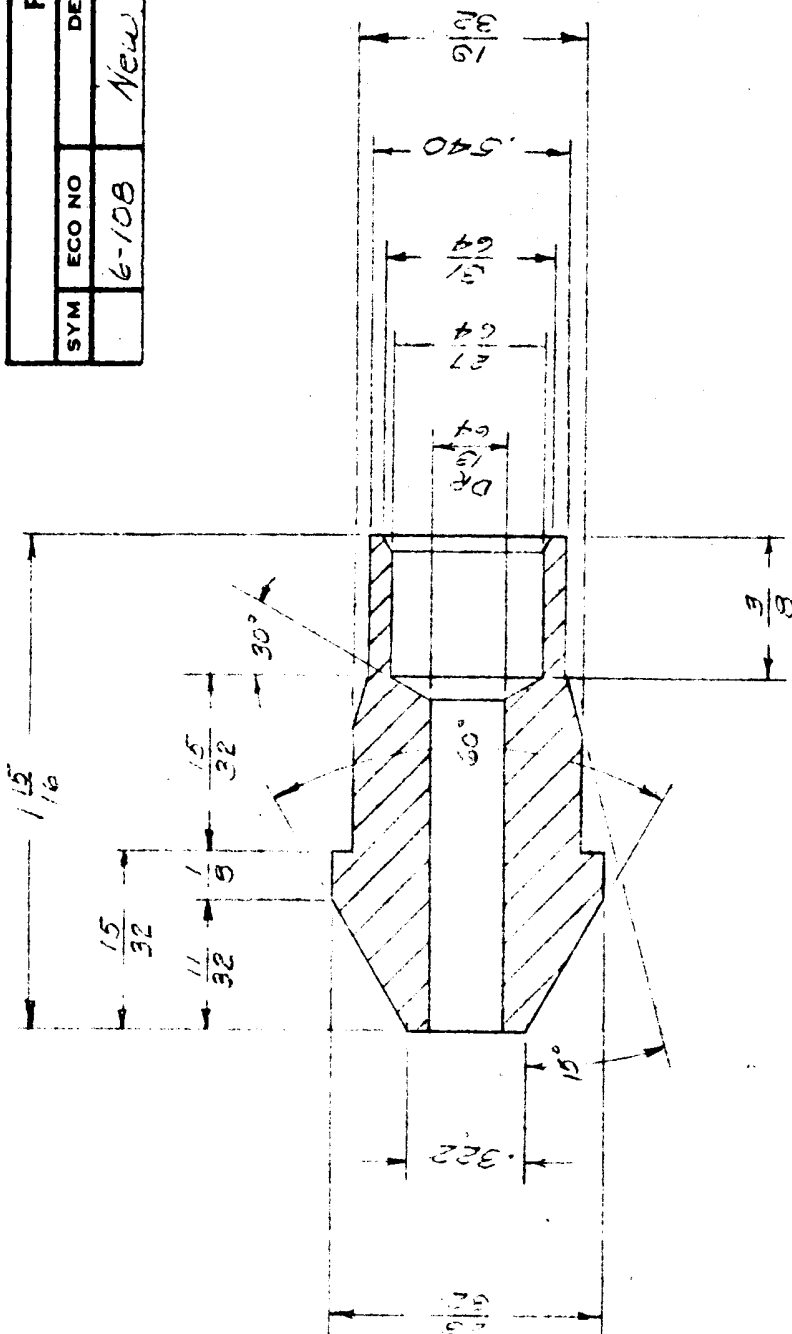
ADDITIVE FINISH	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES FRACTIONS DECIMALS ANGLES RADII 1/10 1.005 1/16	DR Desig CHKD VOW	REV 4/10/56	DATE 13 AUG 56	NAME HELIUM / HYDROGEN MANIFOLD HAND GRIP	SCALE FULL	DWG SIZE A	SHEET 235107
MATERIAL NOTED	HEAT TREATMENT	APPLICABLE SPECIFICATIONS:						

235108

SHEET 1 OF 1

REVISIONS

SYM	ECO NO	DESCRIPTION	DATE	APPROVAL
	6-108	New Release	18 Aug 56	K. Long



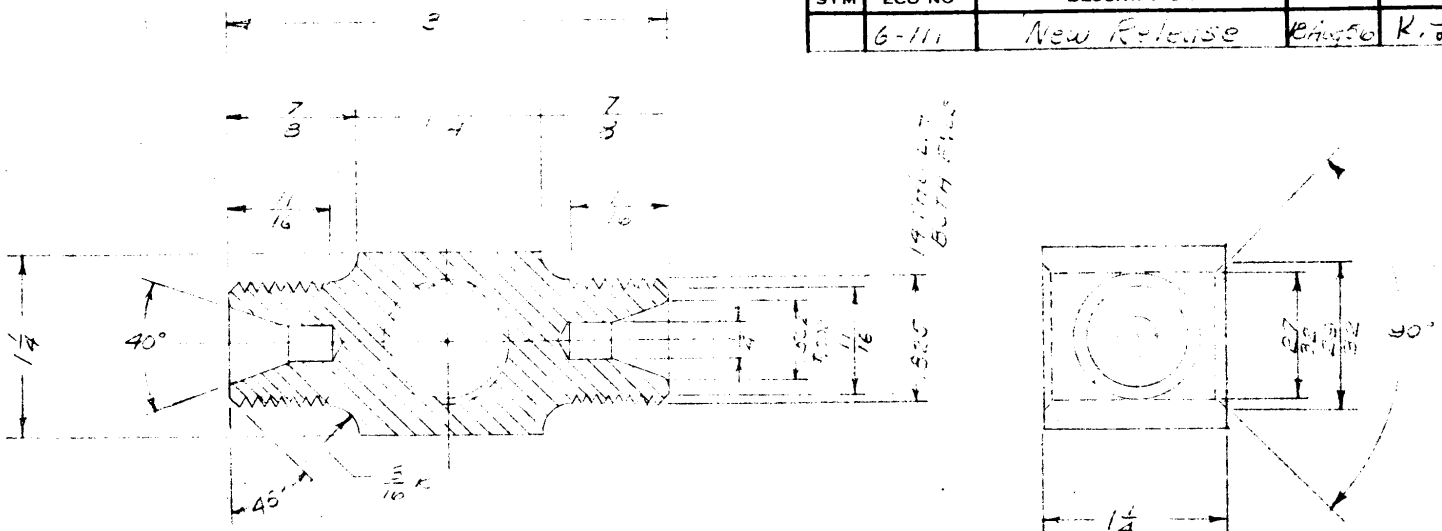
REVISIONS



3/4 DIA. BRASS ROD

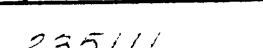
REVISIONS

SYM	ECO NO	DESCRIPTION	DATE	APPROVAL
	6-111	New Release	6/11/50	K. Lang



$\frac{1}{4}$ DIA. HOLE DRILLED THRU AT ASSY.

OCT 4 1956

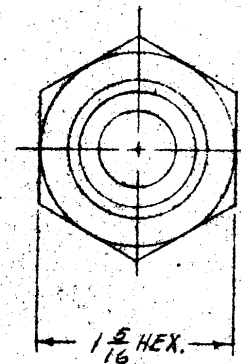
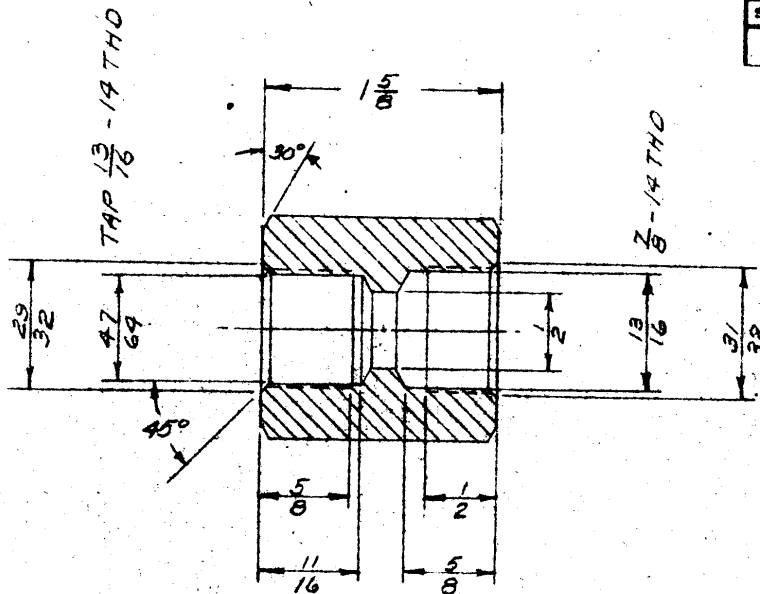
ADDITIVE FINISH	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES	DR <i>DENAHUE</i>	ENGR <i>C. J. Smith</i>	NAME HELIUM / HYDROGEN MANIFOLD CYLINDER COUPLER (CENTER)	
	TOLERANCES FRACTIONS DECIMALS ANGLES RADII	CHKD <i>JCW</i>	APPR <i>R. Long</i>		
MATERIAL	HEAT TREATMENT	ORIGINAL DATE OF DRAWING <i>12-20-50</i>			
<i>1/4 SQ BRASS ROD</i>		APPLICABLE SPECIFICATIONS:		SCALE <i>FULL</i>	DWG SIZE A
				UNIT WT	<i>235111</i>
				SHEET 1 OF 1	

235113

SHEET 1 OF 1

REVISIONS

SYM	ECO NO	DESCRIPTION	DATE	APPROVAL
	6-113	New Release	13 Aug 56	K. Long



OCT 4 1956

ADDITIVE FINISH

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES
FRACTIONS DECIMALS ANGLES RADI

OR
DONAGHUE
CHKD
JCA

ORIGINAL DATE
OF DRAWING 13 AUG 56
APPLICABLE SPECIFICATIONS

NAME

HELIUM / HYDROGEN
MANIFOLD. MANIFOLD
END BLOCK - FEMALE

MATERIAL

1 5/16 HEX. BRASS ROD

HEAT TREATMENT

SCALE FULL

DWG
SIZE

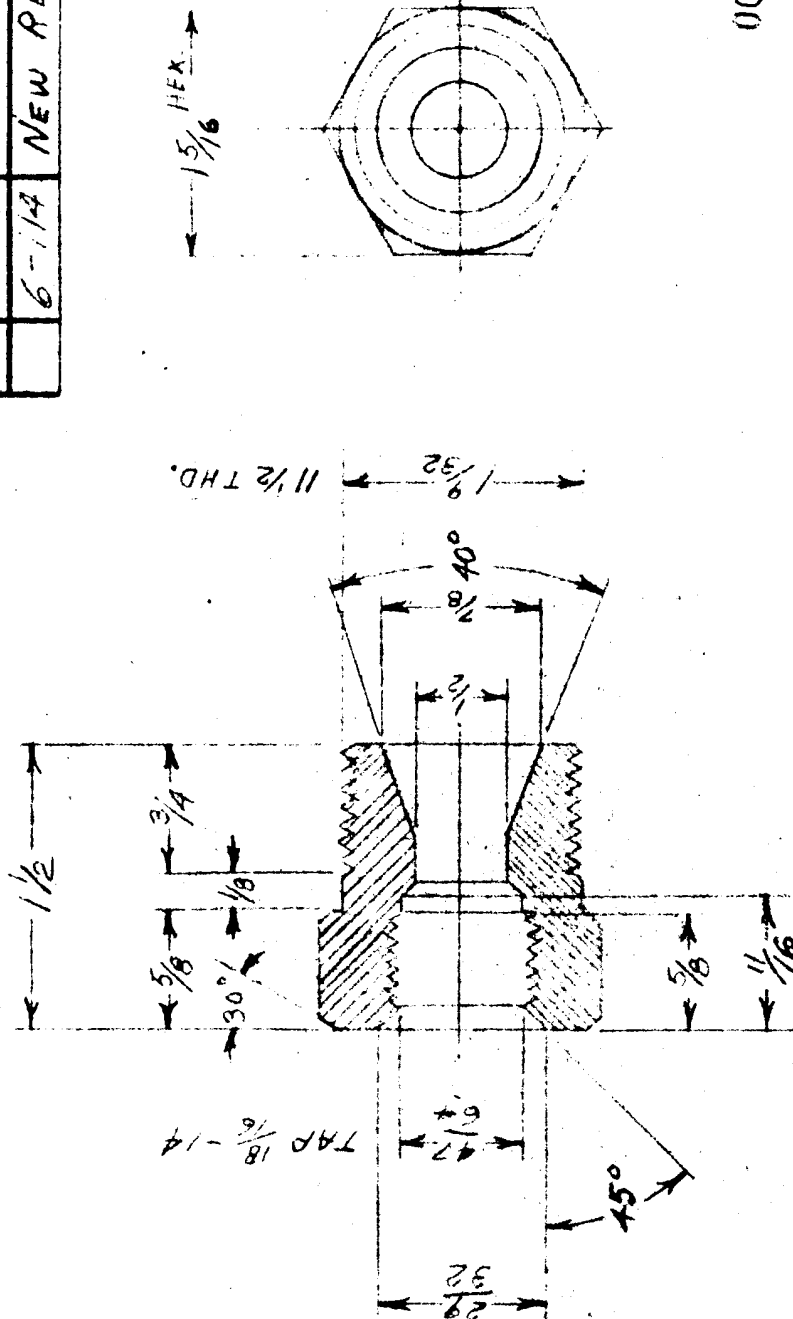
UNIT WT

235113

SHEET 1 OF 1

REVISIONS

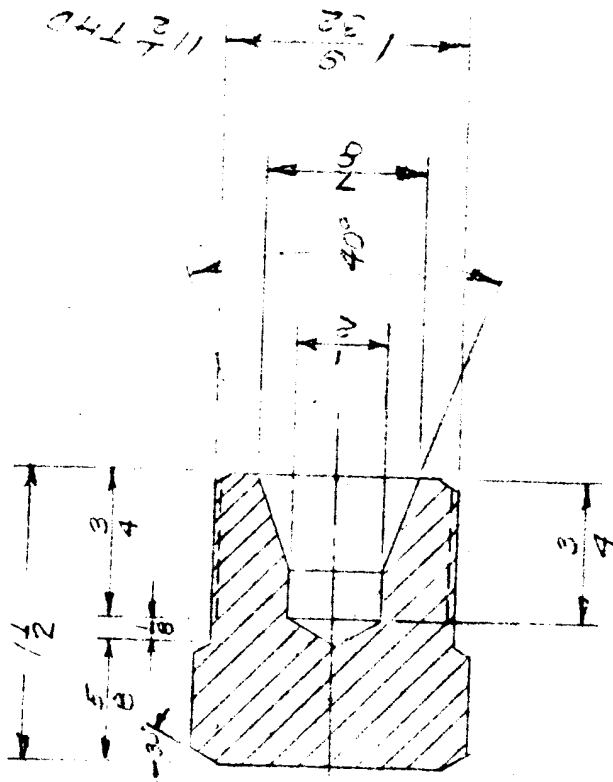
SYM	ECO NO	DESCRIPTION	DATE	APPROVAL
	6-114	NEW RELEASE	8/19/52	K Lam



OCT 4 1956

ADDITIVE FINISH		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		DR <i>R.L.M. Dwyer</i> CHKD <i>JCW</i> APP'D <i>R Long</i>		NAME <i>HELIUM / HYDROGEN MANIFOLD END BLOCK MALE</i>		DWG SIZE A		235114	
MATERIAL		TOLERANCES FRACTIONS DECIMALS ANGLES RADII <i>±.010 ±.005 ±1°</i>		ORIGINAL DATE OF DRAWING <i>8/18/56</i> APPLICABLE SPECIFICATIONS:				SCALE <i>FULL</i>		UNIT WT <i>2</i>	
		HEAT TREATMENT								SHEET 1 OF 1	

235115		SHEET 1 OF 1	
REVISIONS			
SYM	ECO NO	DESCRIPTION	DATE
	6-115	- New Release	10 AUG 56
			K Long



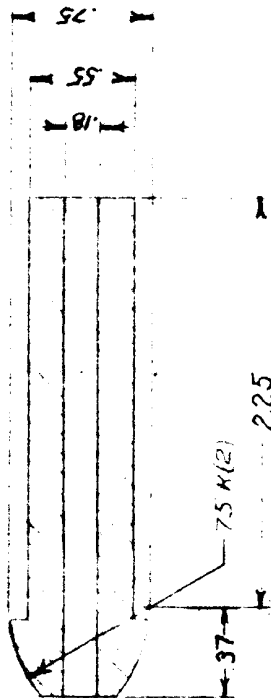
OCT 4 1956

ADDITIVE FINISH	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES RADI		NAME HELIUM 1 HYDROGEN MANIFOLD BLIND NUT	
	TOLERANCES FRACTIONS DECIMALS ANGLES RADI		DWG SIZE A	
MATERIAL 1/2" 304 S.S. (10)	HEAT TREATMENT		SCALE FULL	UNIT WT
	APPLICABLE SPECIFICATIONS:		SHEET 235115 OF	

CONFIDENTIAL

OCT 4 1956

CONFIDENTIAL



REVISIONS

SYM	ECO NO	DESCRIPTION	DATE	APPROVAL
	K-221	NEW RELEASE	1/2/56	MLR

235208

SHEET 1 OF 1

NAME

HELIUM / HYDROGEN
NIPPLE

DR R.L.M.

CHKD J.C.W.

APPROD. M.A.D.

ORIGINAL DATE 10/1/56

OF DRAWING

APPLICABLE SPECIFICATIONS:

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

TOLERANCES

FRACTIONS DECIMALS ANGLES RADII

HEAT TREATMENT

ADDITIVE FINISH

MATERIAL

DWG
SIZE

A

SCALE FULL

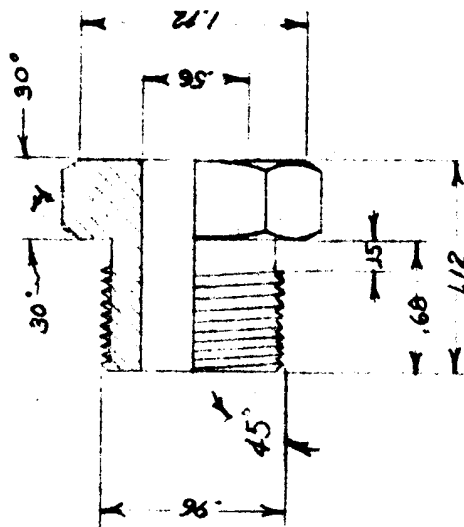
UNIT WT

235208

SHEET 1 OF 1

REVISIONS

SYM	ECO NO	DESCRIPTION	DATE	APPROVAL
	6-222	NEW RELEASE	9/2/56	K. M. L.



CONFIDENTIAL

OCT 4 1956

NAME

HELIUM / HYDROGEN
HEX. NUT

DWG
SIZE

A

SCALE FULL

UNIT WT

~

235209

SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

TOLEANCES
FRACTIONS DECIMALS ANGLES RADII

APPLICABLE SPECIFICATIONS:

HEAT TREATMENT

MATERIAL

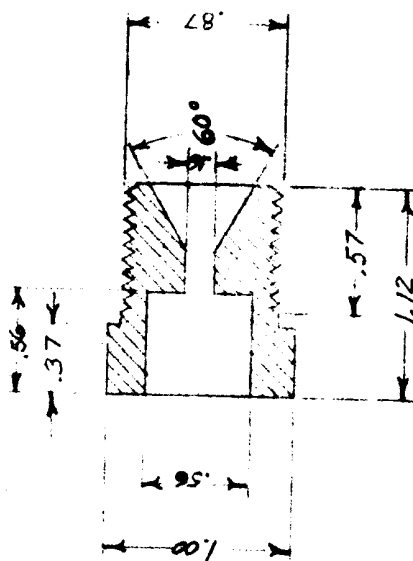
ADDITIVE FINISH

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235210		SHEET 1 OF 1	
REVISIONS			
SYM	ECO NO	DESCRIPTION	DATE
	6-223	NEW RELEASE	10/2/56
			K M Z

CONFIDENTIAL

OCT 4 1956



CONFIDENTIAL

NAME		HELIUM / HYDROGEN VALVE OUTLET	
DR		R.L.M. [Signature]	
CHKD	APPR	K M Z	
ORIGINAL DATE OF DRAWING		10/2/56	
APPLICABLE SPECIFICATIONS:			
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES			
TOLERANCES FRACTIONS DECIMALS ANGLES RADII			
HEAT TREATMENT			
MATERIAL			
SCALE		FULL	
UNIT WT		~	
DWG SIZE		A	
235210		SHEET 1 OF 1	